

Comparisons of Job Characteristics

Focus Occupation: Automotive Service Technicians and Mechanics (49-3023)

Associated Occupation: Recreational Vehicle Service Technicians (49-3092)

Compare Knowledge

Compare Skills

Compare Abilities

Compare Detailed Work Activities

Compare Tools and Technologies

<<	Focus occupation element is much lower
<	Focus occupation element is lower
0	Focus occupation element is at a similar level
>	Focus occupation element is at a higher level
>>	Focus occupation element is at a much higher level

Knowledge

Similarity of Focus Occupation to Associated Occupation: 87

Focus Occupation: Automotive Service Technicians and Mechanics (49-3023)

Associated Occupation: Recreational Vehicle Service Technicians (49-3092)

Associated Occupation's Key Knowledge Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Mechanical	6.8	16.2	20.8	>> Current knowledge level is likely more than sufficient
Building and Construction	4.0	8.6	2.2	<< Extensive education and/or training may be required
Physics	4.3	7.4	8.6	> Current knowledge level is likely sufficient
Chemistry	4.8	7.3	6.4	< Expanded education and/or training may be required
Design	5.2	6.7	7.5	> Current knowledge level is likely sufficient
Telecommunications	3.9	5.4	3.2	<< Extensive education and/or training may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Skills

Similarity of Focus Occupation to Associated Occupation: 88

Focus Occupation: Automotive Service Technicians and Mechanics (49-3023)

Associated Occupation: Recreational Vehicle Service Technicians (49-3092)

Associated Occupation's Key Skills Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation
Repairing	3.4	11.8	12.7	0 Current skill level may be sufficient
Equipment Maintenance	3.5	10.2	11.6	> Skill level is likely sufficient
Troubleshooting	4.5	9.8	11.4	> Skill level is likely sufficient
Operation Monitoring	6.6	9.7	10.9	> Skill level is likely sufficient
Quality Control Analysis	5.9	9.6	10.4	0 Current skill level may be sufficient
Operation and Control	5.4	9.1	11.1	> Skill level is likely sufficient
Equipment Selection	3.3	7.9	9.4	> Skill level is likely sufficient

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Abilities		Similarity of Focus Occupation to Associated Occupation: 88			
Focus Occupation: Automotive Service Technicians and Mechanics (49-3023) Associated Occupation: Recreational Vehicle Service Technicians (49-3092)					
Associated Occupation's Key Abilities Elements	Average Rating, All Occupations	Associated Occupation's Rating	Focus Occupation's Rating	Evaluation of Focus Occupation	
Extent Flexibility	4.8	12.2	14.4	>	Current ability level is likely sufficient
Manual Dexterity	6.5	12.2	12.4	0	Current ability level may be sufficient
Control Precision	6.6	11.8	13.5	>	Current ability level is likely sufficient
Finger Dexterity	7.6	11.2	12.6	>	Current ability level is likely sufficient
Multilimb Coordination	6.0	10.0	12.0	>	Current ability level is likely sufficient
Visual Color Discrimination	6.4	9.1	8.9	0	Current ability level may be sufficient
Hearing Sensitivity	5.6	8.8	11.8	>>	Current ability level is likely more than sufficient
Gross Body Equilibrium	3.2	7.2	4.1	<<	Extensive improvement in abilities may be required

The maximum possible rating is 25.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Activities that Both Occupations Have in Common		Similarity of Focus Occupation to Associated Occupation: 85
Focus Occupation: Automotive Service Technicians and Mechanics (49-3023) Associated Occupation: Recreational Vehicle Service Technicians (49-3092)		
Work Activities	Exclusivity of Activity	
Adhere to safety procedures	12	
Align or adjust clearances of vehicle body parts or components	78	
Assemble, dismantle, or reassemble equipment or machinery	70	
Conduct tests to locate mechanical system malfunction	71	
Determine installation, service, or repair needed	58	
Diagnose malfunctioning vehicle systems	85	
Diagnose mechanical problems in machinery or equipment	65	
Estimate time or cost for installation, repair, or construction projects	54	
Fabricate, assemble, or disassemble manufactured products by hand	11	
Identify properties of metals for repair or fabrication activities	71	
Inspect machinery or equipment to determine adjustments or repairs needed	42	
Maintain repair records	65	
Move or fit heavy objects	8	
Obtain information from clients, customers, or patients	40	
Plan or organize work	51	

Read schematics	34
Read technical drawings	7
Read vehicle manufacturer's specifications	76
Read work order, instructions, formulas, or processing charts	9
Repair or replace electrical wiring, circuits, fixtures, or equipment	49
Repair or replace malfunctioning or worn mechanical components	62
Test electrical/electronic wiring, equipment, systems or fixtures	54
Test mechanical products or equipment	56
Understand service or repair manuals	40
Use acetylene welding/cutting torch	54
Use hand or power tools	2
Use knowledge of metric system	39
Use knowledge of welding filler rod types	75
Use oral or written communication techniques	1
Use soldering equipment	44
Use voltmeter, ammeter, or ohmmeter	52
Weld together metal parts, components, or structures	54

Not all positions in these occupations will necessarily perform all of the listed activities. The exclusivity rating is an indication of how unique the activity is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations engage in that activity.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.

Tools and Technologies that Both Occupations Have in Common

Similarity of Focus
Occupation to Associated
Occupation: n/a

Focus Occupation: Automotive Service Technicians and Mechanics (49-3023)
Associated Occupation: Recreational Vehicle Service Technicians (49-3092)

Tools and Technologies

Exclusivity

Tools and technology data is unavailable for one or both occupations.

Not all positions in these occupations will necessarily use all of the listed tools and technologies. The exclusivity rating is an indication of how unique the tool or technology is amongst all occupations. The maximum rating is 100. High scores indicate that only a small number of occupations use that tool or technology.

Source: Alaska Department of Labor and Workforce Development, Research and Analysis Section analysis of O*NET (Occupation Information Network) data.